

REMARKS

Claims 1-161 are pending. Claims 161 and 81 are herein amended in order to address the Examiner's claim objections on Page 2 of the Office Action. No new matter is added.

In response to the Restriction Requirement, Applicants elect the following species from each of the three below categories, with traverse:

Category #1: Species B: the scanning is interrupted by one or more programmed pauses during a selected time interval (claims 7, 150);

Category #2: Species D: data relating to properties of the sensor (claims 36-37);

Category #3: Species G: the region comprises a channel (claims 47 and 115).

Applicants understand that upon an allowance of a generic claim, Applicants will be entitled to consideration of claims to additional species, which depend from or otherwise require all the limitations of an allowable generic claim. Applicants fully intend to seek consideration of any and all additional species.

If a telephone conversation with Applicants' representative would be useful to advance prosecution of the application, the Examiner is encourage to the contact the undersigned.

Dated: April 10, 2008

Respectfully submitted,

By 

Jeffrey Kopacz

Registration No.: 54,744

EDWARDS ANGELL PALMER & DODGE
LLP

P.O. Box 55874

Boston, Massachusetts 02205

(617) 239-0719

Attorneys/Agents For Applicant